
Abstract

A razor head which uses an 'active' material to vibrate each cutting blade. This active material is comprised of either a piezoelectric, electrostrictive, ceramic or ferroelectric type substrate. Each blade will be in mechanical contact with said material and vibrate at a selectable amplitude and frequency. The shaver head is electrically coupled to a housing containing a power source and an electric control module. Alternatively, the battery and the control module can be placed on the razor head itself. In addition, the electronic control module can be on the handle and the active components and battery can be on the razor head. Each of these configurations require no moving parts.
